

CURICULUM VITAE

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BORN: June 26, 1962
CITIZENSHIP: Slovakia
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EDUCATION:

June 1995 PhD Slovak Academy of Sciences, Bratislava, Slovakia
June 1986 RNDr. Comenius University, Faculty of Natural Sciences in Bratislava, Slovakia

EMPLOYMENT:

1996 – pres Senior scientist - Institute of Neuroimmunology, Slovak Academy of Sciences, Bratislava, Slovakia (part time)
2001 – pres Senior scientist - Axon Neuroscience GmbH, Vienna, Austria
1986 - 1996 Research assistant, Institute of Experimental Endocrinology, Slovak Academy of Sciences, Bratislava, Slovakia
2000 - 2001 University of Vienna, Vienna, Austria
1998 - 2000 Visiting scientist at the CCRI, St. Anna Children Hospital, Vienna, Austria
1995 - 1996 Research associate, Dept. of Pharmacol., University of Minnesota, Minneapolis, USA
1993 - 1994 Research assistant, Dept. of Chem. Pharmacol., University of Tokyo, Japan

INTERNATIONAL COURSES AND MEETINGS ATTENDED (selection):

1990 "3rd European Congress on Cell Biology", Florence, Italy
1993 "The Radioisotopes in Biological Research", The Univ. of Tokyo, Tokyo, Japan
1993 "5th Inter-Department Meeting on Chemical Pharmacol.", Seoul, South Korea
1998 "6th Int. Conf. on Alzheimer's Disease and Related Disorders, Amsterdam, Netherlands
2001 "Ageing and Dementia - Current and future concepts", Graz, Austria
2003 In Vitro Human Cell Systems Enabling Drug Discovery, London, UK
2004 "9th International Conference on Alzheimers Disease and Related Disorders", Philadelphia, Pennsylvania
2005 Molecular Medicine Triconference, CHI, San Francisco, California, USA
2006 "10th International Conference on Alzheimers Disease", Madrid, Spain

MEMBERSHIP OF LEARNED SOCIETIES:

1997 Slovak Immunological Society
1996 The Slovak Alzheimer Society
2005 The Slovak Neuroscience Society

PUBLICATION ACTIVITY:

Author and co-author of 21 scientific papers, 2 patents

Bratislava 6. 12. 2006

List of publications:

Filipčík P, Cente M, Ferencik M, Hulin I, Novak M. The role of oxidative stress in the pathogenesis of Alzheimer's disease. *Bratisl Lek Listy*. 2006; 107 (9-10), 384-394

Pevalova M, **Filipčík P**, Novak M, Avila J, Iqbal K. Post-translational modifications of tau protein *Bratisl Lek Listy* 2006; 107 (9-10), 346-353

*Cente M, ***Filipčík P**, Pevalova M, Novak M. Expression of a truncated tau protein induces oxidative stress in a rodent model of tauopathy. *Eur J Neurosci*. 2006 Aug;24(4):1085-90.

*Zilka N, ***Filipčík P**, Koson P, Fialova L, Skrabana R, Zilkova M, Rolkova G, Kontsekkova E, Novak M. Truncated tau from sporadic Alzheimer's disease suffices to drive neurofibrillary degeneration in vivo. *FEBS Lett*. 2006 Jun 26;580(15):3582-8.

Soltys K, Rolkova G, Vechterova L, **Filipčík P**, Zilka N, Kontsekkova E, Novak M. First insert of tau protein is present in all stages of tau pathology in Alzheimer's disease. *Neuroreport*. 2005 Oct 17;16(15):1677-81.

Matuskova M, Csokova N, **Filipčík P**, Hanusovska E, Bires J, Cabadaj R, Kontsek P, Novak M. First confirmed sheep scrapie with A136R154Q171 genotype in Slovakia. *Acta Virol*. 2003;47(3):195-8.

Lion T, Daxberger H, Dubovsky J, **Filipčík P**, Fritsch G, Printz D, Peters C, Matthes-Martin S, Lawitschka A, Gadner H. Analysis of chimerism within specific leukocyte subsets for detection of residual or recurrent leukemia in pediatric patients after allogeneic stem cell transplantation. *Leukemia*. 2001 Feb;15(2):307-10. No abstract available.

Cattaneo A, Capsoni S, Margotti E, Righi M, Kontsekkova E, Pavlik P, **Filipčík P**, Novak M. Functional blockade of tyrosine kinase A in the rat basal forebrain by a novel antagonistic anti-receptor monoclonal antibody. *J Neurosci*. 1999 Nov 15;19(22):9687-97.

Brtko J, **Filipčík P**, Hudecova S, Brtkova A, Bransova J. Nuclear all-trans retinoic acid receptors: in vitro effects of selenium. *Biol Trace Elem Res*. 1998 Apr-May;62(1-2):43-50.

Filipčík P, Strbak V, Brtko J. Thyroid hormone receptor occupancy and biological effects of 3,5,3',5'-L-triiodothyronine (T3) in GH4C1 rat pituitary tumour cells. *Physiol Res*. 1998;47(1):41-6.

Wei LN, Lee CH, **Filipčík P**, Chang L. Regulation of the mouse cellular retinoic acid-binding protein-I gene by thyroid hormone and retinoids in transgenic mouse embryos and P19 cells. *J Endocrinol*. 1997 Oct;155(1):35-46.

Nikodemova M, Weismann P, **Filipčík P**, Mraz P, Greer MA, Strbak V. Both iso- and hyperosmotic ethanol stimulate release of hypothalamic thyrotropin-releasing hormone despite opposite effect on neuron volume. *Neuroscience*. 1997 Oct;80(4):1263-9.

Filipčík P, Brtko J. [The basis for the variable effects of thyroid hormones] *Cesk Fysiol*. 1996 Mar;45(1):13-20. Slovak.

Brtko J, **Filipčík P**, Hudecova S, Strbak V, Brtkova A. In vitro effects of sodium selenite on nuclear 3,5,3'-triiodothyronine (T3) receptor gene expression in rat pituitary GH4C1 cells. *Biol Trace Elem Res*. 1995 May;48(2):173-83.

Filipčík P, Saito H, Katsuki H. 3,5,3'-L-triiodothyronine promotes survival and axon elongation of embryonic rat septal neurons. *Brain Res*. 1994 May 30;647(1):148-52.

Brtko J, **Filipčík P**. Effect of selenite and selenate on rat liver nuclear 3,5,3'-triiodothyronine (T3) receptor. *Biol Trace Elem Res*. 1994 Apr-May;41(1-2):191-9.

Brtko J, Knopp J, **Filipcik P**, Baker ME. Effect of protease inhibitors and substrates on 3,5,3'-triiodothyronine binding to rat liver nuclear receptors. *Endocr Regul.* 1992 Sep;26(3):127-31.

Knopp J, Brtko J, **Filipcik P**. Effect of triiodothyronine on rat liver polysome profiles and translational activity of mRNA after partial hepatectomy. *Endocr Regul.* 1992 Jun;26(2):67-72.

Brtko J, **Filipcik P**, Knopp J, Sedlakova V, Rauova L. Thyroid hormone responsiveness of the L1210 murine leukemia cell line. *Acta Endocrinol (Copenh).* 1992 Apr;126(4):374-7.

Filipcik P, Brtko J, Rauova L, Sedlakova V. Distribution of triiodothyronine nuclear receptors during the cell cycle in mouse leukemia cells. *Folia Biol (Praha).* 1992;38(6):332-9.

Filipcik P, Brtko J, Knopp J. [Cell lines in experimental endocrinology] *Bratisl Lek Listy.* 1990 Apr;91(4):278-83. Slovak.

*Equal contribution.

NEUROBIOLOGY OF AGING supplement:

Filipcik P, Pevalova, M; Smrzka, O; Novak, M. Neuronal assay based on developmentally inducible expression of Alzheimer's tau, designed for screening of AD therapeutics. *NEUROBIOLOGY OF AGING*, JUL 2004, 25, Suppl. 2, S265

Pevalova, M; **Filipcik P**; Mederlyova, A; Cente, M; Smrzka, O; Novak, M Hyperphosphorylation and oxidative stress as early changes in axon's new AD rat model. *NEUROBIOLOGY OF AGING*, JUL 2004, 25, Suppl. 2, S264

Cente, M; **Filipcik P**; Hanusovska, E; Zilka, N; Novak, M Onset and intensity of AD changes in transgenic rat expressing Alzheimer specific Tau protein correlates with gene dosage. *NEUROBIOLOGY OF AGING*, JUL 2004, 25 Suppl. 2, S239

Hrnkova, M; Zilka, N; **Filipcik P**; Novak, M Cognitive deficit and progressive motor impairment in AD rat model, *NEUROBIOLOGY OF AGING*, JUL 2004, 25, Suppl. 2, S233

Koson, P; Zilka, N; **Filipcik P**; Novak, M Neuronal loss in selected brain areas of a new transgenic AD rat model estimated with unbiased stereological methods, *NEUROBIOLOGY OF AGING*, JUL 2004, 25 Suppl. 2, S249, S250.

Zilka, N; Csokova, N; Vechterova, L; Skrabanova, M; Hrnkova, **M**; **Filipcik P**; Novak, M. Staging of neuropathological changes in axon's novel transgenic AD rat model is linked to a lethal phenotype. *NEUROBIOLOGY OF AGING*, JUL 2004, 25, Suppl. 2, S255